

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	((("20040033004") or ("6614819") or ("6141477") or ("20030095737") or ("6751013") or ("6804281") or ("20020191904")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 15:53
S2	11	((("5332690") or ("6044100") or ("6438149") or ("6519386") or ("6301274") or ("6600846") or ("6804270") or ("6813291") or ("6639922") or ("6645784") or ("6874949")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 11:10
S4	9	(Raman with (amplifier or amplify\$3)) and broadband and ((waveguide or fiber) with seed) and filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:41
S5	0	("2005/0201675").URPN.	USPAT	OR	ON	2005/09/19 13:20
S6	183	(Raman with (amplifier or amplify\$3)) and broadband and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:54
S7	22	(Raman with (amplifier or amplify\$3)) and broadband and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE") and seed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 13:28
S8	16	S7 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 13:28
S9	90	(waveguide or fiber) same ("ASE" or (amplif\$4 with spontaneous with emission)) same seed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:46
S10	7	((("20040033004") or ("6614819") or ("6141477") or ("20030095737") or ("6751013") or ("6804281") or ("20020191904")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 15:53

## EAST Search History

S11	11	((("5332690") or ("6044100") or ("6438149") or ("6519386") or ("6301274") or ("6600846") or ("6804270") or ("6813291") or ("6639922") or ("6645784") or ("6874949")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 14:37
S12	85	S9 not (S10 S11 S4 S6 S7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:37
S13	0	("2004/0247275").URPN.	USPAT	OR	ON	2005/09/19 14:44
S14	0	("2005/0036535").URPN.	USPAT	OR	ON	2005/09/19 14:44
S15	3	((("ASE" or (amplif\$4 with spontaneous with emission)) with source) and filter and depolarizer and (Raman with pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 14:47
S16	0	("2005/0201675").URPN.	USPAT	OR	ON	2005/09/19 15:01
S17	3	((("6697558") or ("6693740") or ("6542287")).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/19 17:38
S18	1	(substrate or die) same ((angled and seed) with waveguide) same mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:10
S19	7	(substrate or die) same (angled with waveguide) same (anti\$reflection with coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:12
S20	0	(substrate or die) same (seed with waveguide) same (anti\$reflection with coating) same (boost\$3 or amplif\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:12
S21	37	(substrate or die) same waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:13

## EAST Search History

S22	14	("ASE" or (amplif\$4 with spontaneous with emission)) and ((substrate or die) same waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:49
S23	39	("4379289"   "4651317"   "4745612"   "4942366"   "5039194"   "5082378"   "5136410"   "5189679"   "5208183"   "5218613"   "5287377"   "5299056"   "5334551"   "5345456"   "5428471"   "5430759"   "5448663"   "5455879"   "5490010"   "5612824"   "5636301"   "5761228"   "5898802"   "5945668"   "5946129"   "6008675"   "6014235"   "6028875"   "6052222"   "6122306"   "6141477"   "6151338"   "6192058"   "6215805"   "6285504"   "6292292").PN. OR ("6456429").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/19 15:15
S24	0	("ASE" or (amplif\$4 with spontaneous with emission)) and ((substrate or die) same waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4)) and Raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 13:57
S25	2	("ASE" or (amplif\$4 with spontaneous with emission)) and (waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4)) and Raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:52
S26	2	S10 and raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:53
S27	581	(Raman with (amplifier or amplify\$3)) and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:21

## EAST Search History

S28	0	(Raman with (amplifier or amplify\$3)) and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE") and ((substrate or die) same waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:55
S29	2	(Raman with (amplifier or amplify\$3)) and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE") and (waveguide same (anti\$reflection with coating) same (boost\$3 or amplif\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:55
S30	173	(Raman with amplif\$4) same fiber same ("ASE" or (amplif\$4 with spontaneous with emission))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:57
S31	44	(Raman with amplif\$4) same fiber same ("ASE" or (amplif\$4 with spontaneous with emission)) same filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 15:57
S32	198	bischel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:08
S33	60	(william with bischel).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:09
S34	132	(filter same (broadband with (source or laser or generator or LED))) same ((amplif\$4 with spontaneous with emission) r "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:39
S35	144	(filter\$3 same (broadband with (source or laser or generator or LED))) same ((amplif\$4 with spontaneous with emission) r "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:40

## EAST Search History

S36	72	(filter\$3 same (broadband with (source or laser or generator or LED))) same ((amplif\$4 with spontaneous with emission) or "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:42
S37	5	(filter\$3 same (broadband with (source or laser or generator or LED))) same ((amplif\$4 with spontaneous with emission) or "ASE") same Raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:42
S38	15	S36 and Raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 17:43
S39	15	filter\$3 same broadband same ((source or laser or diode or "LED") with two with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:31
S46	12	(orthogonal with linear with polariz\$5) same ((source or laser or diode or "LED") with two with combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:34
S47	0	(orthogonal with linear with polariz\$5) same ((source or laser or diode or "LED") with filter\$3 with braodband)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:33
S48	0	(orthogonal with linear with polariz\$5) same ((source or laser or diode or "LED") with filter\$3 with broaddband)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:34
S49	41	(orthogonal with linear with polariz\$5) same ((source or laser or diode or "LED") with filter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:36

## EAST Search History

S50	0	(orthoganol with linear with polariz\$5 with (laser or source or diode or "LED"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:34
S51	0	(orthoganol with linear with polariz\$5) same (laser or source or diode or "LED")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:34
S52	11	(US-20010046364-\$ or US-20010055149-\$ or US-20040033004-\$).did. or (US-5499256-\$ or US-6008675-\$ or US-6038239-\$ or US-6141477-\$ or US-6172995-\$ or US-6195200-\$ or US-6456429-\$ or US-6556344-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/20 11:40
S53	7	S52 and polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 11:40
S54	261	waveguide with ("ASE" or (amplif\$4 with spontaneous with emission))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 13:57
S55	9	planar with waveguide with ("ASE" or (amplif\$4 with spontaneous with emission))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 13:57
S56	1	("6212310").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/20 14:20
S57	104	(spectral near2 filter\$3) with ((thin\$film) or (thin near2 film)) with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:20

## EAST Search History

S58	583	(Raman with (amplifier or amplify\$3)) and (waveguide or fiber) and ((amplif\$4 with spontaneous with emission) or "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:21
S59	0	S58 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:21
S60	1	S57 and ((amplif\$4 with spontaneous with emission) or "ASE")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/20 14:21
S61	1	("6542287").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/20 14:41
S62	249	(laser adj diode) with (ridge adj waveguide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 11:32
S63	5	((laser adj diode) with (ridge adj waveguide)) and broadband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 11:35
S64	0	((broad\$fringe with (laser adj diode)) with (ridge adj waveguide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 11:37
S65	0	((fringe with (laser adj diode)) with (ridge adj waveguide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 11:37
S66	38	((((high adj power) with (laser adj diode)) with (ridge adj waveguide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 11:37

## EAST Search History

S67	6	(wavelength and parallel and broadband and (electrical with contact)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 11:01
S68	0	("2005/0201675").URPN.	USPAT	OR	ON	2006/04/13 10:59
S69	408	(wavelength and seed).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 11:01
S70	98	(light and source and wavelength and seed).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 11:01
S71	0	("2005/0265647").URPN.	USPAT	OR	ON	2006/04/13 11:03
S72	5	((("6038239") or ("6697558") or ("6693740") or ("6542287") or ("6292288"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/25 10:40
S73	125	fiber and broadband and ("ASE" or (amplif\$3 near2 spontaneous near2 emission)) and coherence and filter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 10:17
S74	2	(fiber and broadband and ("ASE" or (amplif\$3 near2 spontaneous near2 emission)) and coherence and filter\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 09:12
S75	27	fiber and broadband and ("ASE" or (amplif\$3 near2 spontaneous near2 emission)) and coherence and filter\$3 and Raman	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/03 10:17